Acid storage cabinets

Advertising to Promote the University

Alcohol (Ethyl)

Auditing services by CPA's

Automotive Accessories

Automotive Rental

Background Checks and Degree

Verifications

Beverage, Alcohol

Bindery Services

Biological agents(see below on list)

Biosafety cabinets

Bonds (other than construction,

performance, labor, and material bonds)

Breathing Apparatus

Business cards

* Cameras Digital, Still & Video

Carpets

* CD Recorders

* CD Writers

Cell Phones

Cell Phone Providers

Chairs

Chemical Storage Cabinets

Chemicals (selected chemicals see below on lists)

* Computer External Devices CD, DVD, etc.

Computers, CPU's, Sensitive Property (Micron & Dell contracts exempt)

Conferences, all types – including reservations for conferences or hosted by the Laboratory

Construction work, including on
University-owned Buildings (e.g.
Campus Buildings: Donner, Hearst, etc.)
Consultants (Expert Technical Assistance)

Contributions & Donations

Controllable property – equip \$5k and above + life expectancy >2 yrs.

Copy machines

Copying (Photo)

Corrosive storage cabinets

Decorative Items

Degree Verifications and Background Checks

Deposits (cylinders, reels, etc.)

Deuterium gas (D2)

* Dictating Recorders

Draperies

Drench hoses

Drug Precursors (see below on list)

Duplicating Services

Dust masks (see below note on dust masks)

- * DVD Recorders
- * DVD Writer

Eavesdropping devices

Electron microscopes

Entertainment expense

Equipment Producing Ionizing and Non-Ionizing Radiation

Excess materials

* Exchanges (must get prior approval from Property Manager)

Explosives (see below on list)

Evewashes

Fabrications (based on drawings, etc.)

Family Radio Service

Fasteners, grade 5 and above – hex head cap screws

Filtering equipment used to control airborne contaminant emissions (e.g., HEPA filters)

Fines or penalties caused by willful misconduct

Fire Extinguishers

Flammable storage cabinets

Food for employees/meetings

Foreign origin, material value >\$2,500 unless previously approved by a Procurement Supervisor

Framing for personal use

* Freezers

Fume hoods

Furniture, household, office-quarters, chairs, filling cabinets

Gas cabinets

Gases (see below on list)

Gifts

Glove boxes

Heavy water (D20)

Halium

HEPA Filtered Vacuum cleaners and attached filtering

Hoods

Hoods, lab fume

Hospitals and related medical services

Housing

Instruments containing radioactive sealed sources (see below on list)

Insurance (including value declarations)

Internet Service Providers

Intra-University Transactions (UC

Regents Orders)

Journal Reprints

Laminar airflow hoods

Lasers (excluding laser pointers)

License fees (except software license, without terms and conditions)

Lobbying costs Lodging costs

Luxury Items (e.g. leather bound desk accessories, grades above what is absolutely necessary to accomplish the Lab's mission)

Machine tools (e.g. large lathes, etc.)

Memberships in social, dining, or country clubs

Memberships in trade, business and professional organizations (unless included on the Lab's Organizational Membership list – approved by DOE)

Microwave and Radiowave Sources (see below on list)

* Microwave Ovens

Narcotics

Office Equipment Repairs (Typewriters, Calculators, etc.)

On-Site Service, repairs etc., not included on the Designated Commercial Services list and/or in a hazard work area (restricted all construction related work including fencing, roofing, carpet, window replacement, etc.) see SP-28.2

Ornamental items (pictures, plants, etc.)

Over the Counter Medications, (aspirin, etc.)

Ozone Depleting Substances (See below on list for Trade/Chemical Name)

Pagers

Permits

* Personal Data Assistants
/PDA/ all Personal Digital
Assistants & Organizers with
a PC Connection /Hand Held
Computers/ regardless of
value

Personal Property (items of a personal nature, e.g. microwave oven, coffee pot, radio, refrigerators, etc.)

Personal property for employees (reimbursement due to loss)

Photocopying

Precious metals (gold, iridium, osmium, palladium, platinum, rhodium, ruthenium, and silver)

* Printers

Printing equipment

Printing services

Promotional items, memorabilia, models, gifts, and souvenirs

Property, controllable (see controllable property)

Radioactive materials and isotopes (see below on list)

Radio Frequency Spectrum Dependent Devices (portable, mobile, microwave, CB's, family radio service, 2 way radios). Used for communication

Reactive chemicals (see below on list)

Real Property (land, buildings, lease, purchase or improvements)

* Recorders /CD, DVD, Dictating & Video/ Recreational equipment

* Refrigerators

Reprints, Journal

Respirators (See below note on dust masks)

Rigging Equipment (e.g. slings, lifting equipment, etc.)

Royalties on Patents

Safety Shoes

Safety Showers

Sales or exchange of Government property (see Trade-ins)

SANR

Scales, Industrial (Calibration Certification requirements)

- * Scanners for computers
- * Sensitive Items (Cameras, Video Projectors, Printers, Recorders (CD, DVD, Dictating & Video), Scanners for Computers, Video Cameras (TV, Movie & Video), Personal Data Assistants (PDA's – hand held computers)

Services (on-site Berkeley Lab) see On-Site Services

Signs containing tritium

Slings

Telecommunications/Telephone
Equipment (e.g. pagers, headsets,
telephone, cell phones, cell phone
providers, internet service providers,
remote access services to Lab)

* Trade-ins

Training Classes (on-site Berkeley Lab exception: if no industrial or chemical hands-on activity is required – see SP-28.2)

Training Classes (off-site if travel over 150 miles)

Transportation

Travel

UC Regents Orders (Intra-University Transactions)

X-ray equipment including accessory devices

Vacuum cleaners HEPA Filtered and attached filtering

- * Video Cameras TV, Movie & Video
- * Video Projectors portable
- * Video Recorders

Wireless networking access points

DRUG PRECURSORS

1,2-(Methylenedioxy)-4-(2propenylbenzene (#22)

1,2-(Methylenedioxy)-4-(1propenylbenzene) (#23)

1-alpha-[1-

(ethylmethylamino)ethyl]benzylc alcohol (#32)

- 1-Ethylephedrine (#32)
- 1-Phenyl2-methylaminopropanol (#33)

1-Phenyl-1-hydroxy-2methylaminopropane (#33)

- 1-Phenyl-2-keto-propane (#1)
- 2,4,6-Trihydroxy-primidine (#9)
- 2-Aminobenzoic Acid (#14)
- 2-Carbomethoxy-3-tropanone (#21)
- 2-Keto-3-phenyl-propane (#1)
- 2-Methylamino-1-phenyl-1-propanol (#33) 2-Methylethylamino-1-phenyl-1-propanol (#32)
- 2-N-Acetyl-2-aminobenzoic Acid (#11)
- 2-phenylacetic Acid (#13)
- 3,4-(Methylenedioxy)-benzene Any compounds with this in it. (#24)
- 3,4-(Methylenedioxy)-5-benzaldehyde (#24)
- 3-(2-aminoethyl)-indole (#27)
- 4-[2-(Dimethylamino)-1-hydroxyethyl]-1,2-benzenediol (#31)
- 9,10-didehydro-6-methylergoline-8-betacarboxylic Acid (#4)

- A -

Adrenalin (#18)

Aminobenzoic Acid - Any chemicals with this in it. (#14)

Amino-benzyl alcohol (#18)

Amino-N-acetylbenzoic Acid (#11)

Anthranilamide (#14)

Anthranilic Acid - Any chemicals with this in it, e.g. Anthranilic Ethyl Ester. (#14)

alpha-aminoethyl-3,4dihydroxy-benzyl alcohol (#18)

alpha-hydroxy-betamethylaminopropylbenzene (#33)

alpha-toluene cynide (#29)

alpha-tolunitrile (#29)

alpha-(1-aminoethyl)-benzyl alcohol (#18)

alpha-(3,4-Dihydroxyphenyl)-2dimethylaminoethanol (#31)

alpha-[1-

Methylamino)ethyl]benzyl alcohol (#33)

alpha-[1-

Ethylmethylamino)ethyl]ben zenemethanol (#32)

alpha-[1-

(Methylamino)ethyl]benzene methanol (#33)

alpha-[(Dimethylamino)methyl]-3,4-dihydroxy benzylalcohol (#31)

- B -

Barbital (#9)

Barbitone (#9)

Barbituric Acid - Any chemicals listed with Barbituric Acid. (#9)

Benzeneacetonitrile (#29) Benzyl Cyanide (#29) Bromocryptin (#5)

- C -

Chloroephedrine (#33) Chloropseudoephedrine (#35)

- D -

Diethylmalonate (#6) Diethylmalonic Acid (#8) d-Lysergic Acid (#4)

- E -

Ephedrine

Ephedrine - Any chemical with this in it. (#33)

Ergo - Any chemical name with this in it, e.g. Bromo-alphaergocrypt. (#20)

Ergo - Any compounds with this in it. (#30)

Ergonovine Maleate (#30)

Ergot - Any chemical name with this in it, e.g. Bromo-alpha-ergocrypt. (#20) Ergotamine Tartrate (#5)

Ethyl Malonic Acid (#8)

Ethylamine

Ethyl Malonic Acid (#8)

Ethylamine Ethylmalonate (#8) etafedrine (#32)

- H -

Hexahydropyridine (#10)

- 1 -

Isosafrole (#23)

- L -

LSD (#4) LSD-50 (#4)

Lyserg- (followed by additional chemical names) (#4)

- M -

Malonic Acid Diethyl Ester (#6)

Malonic Acid (#7) Menetryl (#32) Methylamine Morpholine (#15)

methylenedioxy- - Any chemicals with this in it. (#24)

- N -

Norephedrine (#18) Norpseudoephedrine (#18) Norpseudoeprine (#18)

Novedrin (#32)

N-Ethylephedrine (#32) N-Methyladrenaline (#31) N-Methylephedrine (#31) N-Methylpseudoephedrine (#33)

n-Acetylanthranilic Acid (#11) n-Ethylpseudoephedrine n-(1-phenethyl)-piperidine-4-one

n-(1-phenethyl-4-piperidinyl)-aniline

. O -

omega-cyanotoluene (#29) o-Aminobenzoic Acid (#14)

- P -

Phenylacetic Acid (#13)
Phenylacetone (#1)
Phenylacetonitrile#29)
Phenylethylamine (#18)
Phenylpropanolamine
Pheny-2-propanone (#1)

Piperdine-HC1 or Piperdine-HBr (#10)

Piperidine (#10) Piperonal (#24) Propanedioic Acid (#7) Pseudoephedrine

Pseudoephedrine - Any chemical with this in it. (#35)

Propionic Anhydride Pyrolidine (#12)

- S -

Safrole (#22)

Sulfurous Oxychloride (#28)

- T -

Tetrahydropyrrole (#12) Tetrahydro-1-4-oxazine (#15) Thionyl Chloride (#28) Thionyldichloride (#28)

Tropan - Any chemicals with this in it (#21)

Tropine (#21)

Tropine - Any chemicals with

this in it. (#21) Tropolone (#21)

Tryptamine Hydrobromide (#27) Tryptamine Hydrochloride (#27)

Trytamine (#27)

- V -

Veronal (#9)

EH&S - RELATED RESTRICTED ITEMS

LABORATORY SAFETY EQUIPMENT

(Notification: John Seabury ext. 6547)

Acid storage cabinets

Biosafety cabinets

Chemical storage cabinets

Gas cabinets

Glove boxes

Hoods (for ventilation)

Corrosive storage cabinets

Flammable storage cabinets

Freezers (for lab use)

Fume hoods

Laminar airflow hoods

Refrigerators (for lab use)

Freezers (for lab use)

Fume hoods

Refrigerators (for lab use)

Safety showers

HEPA FILTER CONTAINING DEVICES

(Notification: Betsy MacGowan ext. 2826)

HEPA filters and HEPA filter devices	HEPA filtered vacuum cleaners		

DUST MASKS

(Notification: Betsy MacGowan ext. 2826)

No respiratory protection devices other than disposable dust masks are allowed to be purchased. All other repiratory protection equipment is purchased by the EH&S Industrial Hygiene Group and is distributed to qualified and trained users.

BIOLOGICAL AGENTS AND BIOTOXINS

(Approval: Bruce King ext. 2768)

Restricted "Biological Agents and Biotoxins" include all agents and biotoxins listed below and all Risk Group 3 and 4 biological agents (not listed below). "Agents" include the agent (i.e., organism) and all sub-units (e.g., genetic elements, recombinant nucleic acids) and strains (e.g.,recombinant organisms) of the agents. If needed, risk group classifications for many infectious agents can be found at the American Biological Safety Association web page at http://www.absa.org/resriskgroup.html or sometimes the vendor web page (e.g., ATCC at http://www.atcc.org/TechnicalInfo/HowToReviveCultures.cfm).

HHS NON-OVERLAP SELECT AGENTS & TOXINS

- Crimean-Congo haemorrhagic fever virus
- Coccidioides posadasii
- Ebola viruses
- Cercopithecine herpesvirus 1 (Herpes B virus)
- Lassa fever virus
- Marburg virus
- Monkeypox virus
- Rickettsia prowazekii
- Rickettsia rickettsii
- So. American haemorrhagic fever viruses
 - o Junin
 - o Machupo
 - o Sabia
 - o Flexal
 - o Guanarito
- Tick-borne encephalitis complex (flavi) viruses
 - Central European tick-borne encephalitis
 - o Far Eastern tick-borne encephalitis
 - Russian spring and summer encephalitis
 - Kyasanur forest disease
 - Omsk hemorrhagic fever
- Variola major virus (Smallpox virus)
- Variola minor virus (Alastrim)
- Yersinia pestis
- Abrin
- Conotoxins
- Diacetoxyscirpenol
- Ricin
- Saxitoxin
- Shiga-like ribosome inactivating proteins
- Tetrodotoxin

USDA HIGH CONSEQUENCE LIVESTOCK PATHOGENS AND TOXINS/ SELECT AGENTS (OVERLAP AGENTS)

- Akabane virus
- African swine fever virus
- African horse sickness virus
- Avian influenza virus (highly pathogenic)
- Blue tongue virus (Exotic)
- Bovine spongiform encephalopathy agent
- Camel pox virus
- Classical swine fever virus
- Cowdria ruminantium (Heartwater)
- · Foot and mouth disease virus
- Goat pox virus
- Lumpy skin disease virus
- Japanese encephalitis virus
- Malignant catarrhal fever virus (Exotic)
- Menangle virus
- Mycoplasma capricolum/ M.F38/M. mycoides capri
- Mycoplasma mycoides mycoides
- Newcastle disease virus (VVND)
- Peste Des Petits Ruminants virus
- Rinderpest virus
- Sheep pox virus
- Swine vesicular disease virus
- Vesicular stomatitis virus (Exotic)

HIGH CONSEQUENCE LIVESTOCK PATHOGENS AND TOXINS/ SELECT AGENTS (OVERLAP AGENTS)

- Bacillus anthracis
- Brucella abortus
- Brucella melitensis
- Brucella suis
- Burkholderia mallei (formerly Pseudomonas mallei)
- Burkholderia pseudomallei (formerly Pseudomonas pseudomallei
- Botulinum neurotoxin producing species of Clostridium
- Coccidioides immitis
- Coxiella burnetii
- Eastern equine encephalitis virus
- Hendra virus
- Francisella tularensis
- Nipah Virus
- Rift Valley fever virus
- Venezuelan equine encephalitis virus
- Botulinum neurotoxin
- Clostridium perfringens epsilon toxin
- Shigatoxin
- Staphylococcal enterotoxin
- T-2 toxin

LISTED PLANT PATHOGENS

- Liberobacter africanus
- Liberobacter asiaticus
- Peronosclerospora philippinensis
- Phakopsora pachyrhizi
- Plum Pox Potyvirus
- Ralstonia solanacearum race 3, biovar 2
- Schlerophthora rayssiae var zeae
- Synchytrium endobioticum
- Xanthomonas oryzae
- Xylella fastidiosa (citrus variegated chlorosis strain)

CLASS I OZONE DEPLETING SUBSTANCES

(Notification: Pat Thorson ext. 5852)

Ozone depleting substances are found in adhesives, coating, inks, foams, aerosols, fire suppression and explosion protection, air conditioning and refrigeration, and solvent cleaning. The following are Class I, Ozone Depleting Substances:

<u>Trade</u> <u>Chemical Name & Trade</u> <u>Chemical Name & </u>

Name Synonyms – Trademark Names Synonyms – Trademark Names

CFC-11	Trichlorofluoromethane 75-69-4]	CFC-112	1,2-Difluorotetrachloroethane [76-
	Aigofrene Type 1; Arcton 9; Electro-CF 11; Eskimon 11; F11; FC 11; Fluorocarbon 11; Fluorotrichloromethane; Freon-11; Frigen 11, Genetron 11; Halocarbon 11; Halon 11; Isceon 131; Isotron 11; Kaltron 11, Khaladon 11; Ledon 11; Monofluorotrichloromethane, Propellent 11, Trichlorofluoromethane; Trichloromonofluoromethane		12-0] 1,2-Difluoro-1,1,2,2-Tetrachloroethane; Fluorocarbon 112; Freon112, Halocarbon 112; Refrigerant 112; 1,1,2,2- Tetrachlorodifluoroethane; 1,1,2,2-Tetrachloro- 1,2-Difluoroethane
CFC-12	Dichlorodifluoromethane [75-71-8] Algofrene Type 2; Arctron 6; Arcton 12; Difluorodichloromethane; Electro-CF12; Eskimon 12; F 12; FC 12; Fluorocarbon 12; Freon-12; Frigen 12; Genetron 12; Halocarbon 12; Halon 122, Isotron 2; Ledon 12; Propellent 12; R-12; Refrigerant 12; Refrigerant R12	CFC-211	Heptachlorofluoropropane [422-78-6 None
CFC-	1,1,2-trichloro- 1,2,2-trifluoroethane [76-	CFC-212	Hexachlorodifluoropropane [3182-
113	13-1] Chlorinated Fluorocarbon, Diflon S-3; FC 133; Freon 113; Freon TF (113); Frigen 113 TR-T; Fluorocarbon 113; Genetron 113; Halocarbon 113; Refrigerant 113; Trichlorotrifluoroethane; Trichloro 1,2,2-Trifluoroethane; Trichloro-1,2,2-Trifluoroethane, 1,1,2-Trichlorotrifluoroethane; 1,1,2-Trichloro 1,2,2-Trifluoroethane; 1,2,2-Trifluoroethane; 1,1,2-Trifluoroethane; 1,1,2-Trifluoroethane; 1,1,2-Trifluoroethane		26-1] None
CFC- 114	1,2-Dichlorotetrafluoroethane [76-14-2] Cryofluorane; Dichlorotetrafluoroethane; 1,2-Dichloro- 1,1,2,2-Tetrafluoroethane; Dichloro-1,1,2,2- Tetrafluoroethane; Fluorocarbon 114; Freon 114; Halocarbon 114; Halon 242; Propellant 114; R-114; Refrigerant 114; Refrigerant R114	CFC-213	Pentachlorotrifluoropropane [2354- 06-5] None
CFC- 115	Monochloropentafluoroethane [76-15-3] Chloropentafluoroethane; Fluorocarbon 115; Freon 115; Genetron 115; Halocarbon 115; R-115; Refrigerant R115	CFC-214	Tetrachlorotetrafluoropropane [29255-31-0] None
Halon 1211	Bromochlorodifluoromethane [353-59-3] Chlorodifluorobromomethane	CFC-215	1,2,2-Trichloropentafluoropropane [1599-41-3] Trichloropentafuloropropane
Halon 1301	Bromotrifluoromethane [75-63-8] Fluorocarbon 13B1; Freon 13B1; H-1301; Halocarbon 13B1; R-13B1, Refrigerant 13B1; Refrigerant R13B1; Trifluorobromomethane; Trifluoromethyl Bromide; Trifluoromonobromomethane	CFC-216	1,2-Dichloro-1,1,2,3,3,3,- hexafluoropropane [661-97-2] 1,2-Dichlorohexafluoropropane

Halon 1,2 Dibromotetrafluoroethane [124-73-2] **CFC-217** 2402 1,2-Dibromoperfluoroethane;

Dibromotetrafluoroethane; 1,2-

Dibromotetrafluoroethane; 1,2-Dibromo-1,1,2,2-Tetrafluoroethane; 1,1,2,2-Tetrafluoro-1,2-Dibromoethane

CFC-13 Chlorotrifluoromethane [75-72-9]

Halocarbon 13; Trifluoromethyl Chloride

CFC-Pentachlorofluoroethane

Fluoropentachloroethane 111

Heptafluoropropyl chloride [422-86-

1-Chloro-1,1,2,2,3,3,3-Heptafluoropropane

Carbon tetrachloride [56-23-5]

Benziinoform; carbona; Carbon Chloride; Carbon Tet; Flukoids; Methane Tetrachloride. Necatorina. Necatorine: Perchloromethane: Refrigerant R10, Tetrachlorocarbon, Tetraloromethane; Tetrafinol; Tetraform; Tetrasol, Univerm; Vermoestricid

1.1.1-Trichloroethane [71-55-6]

AerotheneTT; Alpha-Truchloroethane; Chlorothene: Chlorothene NU: Chlorothene VG: Methyltrichloromethane; Methyl Chloroform; 1,1,1-TCE; Solvent 111; Triethane;

Methyl bromide [74-83-9]

Brom-O-Gas; Brom-O-Gaz; Bromot\methane; Brom-O-Sol, Celfume, Curafume, Dowfume, Dowfume MC-2: Dowfume MC-33, EDCO: Embafume; Halon1001; Haltox; Iscobrome; Kayafume; MB; MeBr; Metafume; Methogas; Meth-o-Gas; Monobromomethane; Profume; Rotox; Terabol, Terr-O-Gas; Terr-O-Gas 100; Zytox

HEALTH HAZARD AND REACTIVE GASES

(Approval: Larry McLouth ext. 5286)

Ammonia (NH3)

Arsenic pentafluoride (AsF5) Arsine (AsH3)

Benzene in air Boron trichloride (BCl3)

Boron trifluoride (BF3) Bromine pentafluoride Bromine trifluoride (BrF3)

1,3-Butadiene (C4H6) Carbon monoxide (CO) Carbonyl fluoride (COF2)

Carbonyl sulfide Chlorine (CI2)

Chlorine trifluoride (CIF3)

Cyanogen (C2N2)

Cyanogen chloride (CICN)

Diborane (H6B2)

Dichlorosilane (SiH2Cl2)

Fluorine (F2)

Germanium tetrahydride (GeH4)

Hydrogen bromide (HBr) Hydrogen chloride (HCI) Hydrogen cyanide (HCN) Hydrogen fluoride (HF) Hydrogen selenide (H2Se) Hydrogen sulfide (H2S) Iodine pentafluoride (IP5) Methyl bromide (CH3Br)

Methyl silane

Nickel carbonyl Ni(CO)4

Methyl chloride (CH3CI)

Nitric oxide (NO) Nitrogen dioxide (NO2)

Nitrogen trifluoride (NF3) Nitrosyl chloride (NOCI)

Oxygen difluoride (OF2)

Phosgene (COCI2)

Phosphine (PH3)

Phosphorous pentafluoride (PF5) Phosphorous trichloride (PCI3)

Phosphorous trifluoride (PF3)

Selenium hexafluoride

Silane (silicontetrahydride-SiH4) silicon tetrachloride (SiCl4)

Silicon tetrafluoride (SiF4)

Stibine (SbH3) Sulfur dioxide (SO2)

Sulfur tetrafluoride (SF4) Sulfuryl fluoride (SO2F2)

Tellurium hexafluoride (TeF6)

Tungsten hexafluoride (WF6) Vinyl chloride (C2H3Cl

REACTIVE, EXPLOSIVE & UNIQUE HAZARD **CHEMICALS**

(Notification: Larry McLouth ext. 5286)

2-Furaldehyde Beryllium Boron Cesium Dicholorborane Francium

Lead: brick, sheet or block

Lithium Rubidium Sodium Phosphorous, yellow Picric acid

Potassium

CHEMICALS KNOWN TO POSESS LETHAL OR INCAPACITATING TOXICITY

(Notification: Larry McLouth ext. 5286)

Amiton: O,O-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate and corresponding alkylated or protonated salts (78-53-5)

O-Alkyl (H or <C10, incl. cycloalkyl) S-2-dialkyl(Me, Et, n-Pr or i-Pr)-aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonothiolates and corresponding alkylated or

protonated salts

O-Alkyl (<C10, incl. cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr)phosphonofluoridates

O-Alkyl (<C10, incl. cycloalkyl) N,N-dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidocyanidates

Sarin: O-Isopropyl methylphosphonofluoridate (107-44-8) Soman: O-Pinacolyl methylphosphonofluoridate (96-64-0) Tabun: O-Ethyl N,N-dimethyl phosphoramidocyanidate(77-81-6)

VX: O-Ethyl S-2-diisopropylaminoethyl methyl phosphonothiolate [50782-69-9]

Sulfur mustards:

2-Chloroethylchloromethylsulfide [2625-76-5] Mustard gas: Bis(2-chloroethyl)sulfide [505-60-2] Bis(2-chloroethylthio)methane [63869-13-6]

Sesquimustard:

1,2-Bis(2-chloroethylthio)ethane [3563-36-8] 1,3-Bis(2-chloroethylthio)-n-propane [63905-10-2] 1,4-Bis(2-chloroethylthio)-n-butane [142868-93-7] 1,5-Bis(2-chloroethylthio)-n-pentane [142868-94-8] Bis(2-chloroethylthiomethyl)ether [63918-90-1]

O-Mustard:

Bis(2-chloroethylthioethyl)ether [63918-89-8]

Lewisite 1: 2-Chlorovinyldichloroarsine [541-25-3] Lewisite 2: Bis(2-chlorovinyl)chloroarsine [40334-69-8] Lewisite 3: Tris(2-chlorovinyl)arsine [40334-70-1]

Nitrogen mustards:

HN1: Bis(2-chloroethyl)ethylamine [538-07-8] HN2: Bis(2-chloroethyl)methylamine [51-75-2] HN3: Tris(2-chloroethyl)amine [555-77-1]

Saxitoxin [35523-89-8] Ricin [9009-86-3]

Alkyl (Me, Et, n-Pr or i-Pr) phosphonyldifluorides DF: Methylphosphonyldifluoride [676-99-3] O-Alkyl (H or <C10, incl. cycloalkyl)

O-2-dialkyl(Me, Et, n-Pr or i-Pr)-aminoethyl alkyl(Me, Et, n-Pr or i-Pr) phosphonites and corresponding alkylated or protonated salts

QL: O-Ethyl O-2-diisopropylaminoethyl methylphosphonite [57856-11-8]

Chlorosarin: O-Isopropyl methylphosphonochloridate

[1445-76-7]

Chlorosoman: O-Pinacolyl methylphosphonochloridate [7040-57-5]

PFIB: 1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)-1propene [382-21-8]

BZ: 3-Quinuclidinyl benzilate (*) [6581-06-2]

Chemicals containing a phosphorus atom to which is bonded on a methyl, ethyl or propyl (normal or iso)

group but not further carbon atoms Methylphosphonyl dichloride [676-97-1] Dimethyl methylphosphonate [756-79-6]

Exemption: Fonofos: O-Ethyl S-

phenylethylphosphonothiolothionate [944-22-9] N,N-Dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidic dihalides

Dialkyl (Me, Et, n-Pr or i-Pr) N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidates

Arsenic trichloride [7784-34-1]

2,2-Diphenyl-2-hydroxyacetic acid [76-93-7]

Quinuclidin-3-ol [1619-34-7]

N.N-Dialkyl (Me. Et. n-Pr or i-Pr) aminoethyl-2-chlorides and corresponding protonated salts

N.N-Dialkyl (Me. Et. n-Pr or i-Pr) aminoethane-2-ols and corresponding protonated salts

Exemptions: N,N-Dimethylaminoethanol and corresponding protonated salts [108-01-0]

N,N-Diethylaminoethanol and corresponding protonated salts [100-37-8]

N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols and corresponding protonated salts

Thiodiglycol: Bis(2-hydroxyethyl)sulfide [111-48-8] Pinacolyl alcohol: 3,3-Dimethylbutan-2-ol [464-07-3]

Phosgene: Carbonyl dichloride [75-44-5]

Cyanogen chloride [506-77-4] Hydrogen cyanide [74-90-8]

Chloropicrin: Trichloronitromethane [76-06-2]

Phosphorus oxychloride [10025-87-3] Phosphorus trichloride [7719-12-2] Phosphorus pentachloride [10026-13-8] Trimethyl phosphite [121-45-9]

Triethyl phosphite [122-52-1] Dimethyl phosphite [868-85-9] Diethyl phosphite [762-04-9] Sulfur monochloride [10025-67-9] Sulfur dichloride [10545-99-0] Thionyl chloride [7719-09-7] Ethyldiethanolamine [139-87-7] Methyldiethanolamine [105-59-9] Triethanolamine [102-71-6]

RADIOACTIVE MATERIALS AND ISOTOPES

(Notification: Steve Sohner ext. 6228)

Deuterium Gas (D2)

Heavy water (D20)

Chemicals containing radionuclides including

Tritium [H-3]

Natural uranium [u]

Depleted uranium, enriched uranium

Thorium [Th]

Protactinium [Pa]

Transuranics [atomic number greater than 92]

Radioactive sealed sources

Instruments and articles containing radioactive sealed sources

Special nuclear material [SNM]) including

Gas chromatographs with electron capture devices

Liquid scintillation counters

Neutron moisture probes

Neutron soil density guage

Signs containing tritium

Static eliminators

EQUIPMENT GENERATING LASER, RADIOWAVE, MICROWAVE AND IONIZING RADIATION (Notification: Ted deCastro ext. 5256)

Class 3 and 4 lasers

Microwave sources (excluding consumer products such as microwave ovens)

Radiowave sources

X ray sources and equipment including accessory devices

Procurement Item Categories List

Refer to the links on this list for further information on restricted and other items. Items in **red** may pose environmental, health, or safety risks and require special notifications/approvals and precautions.

Category Description	Short Name (PeopleSoft)	Links for further Information	Contact for further Notification	Authorization Note
Architect-Engineer Services	Arch-Engr		i	
Biological Agents	Bio-Agent	Restricted Item List	Bruce King x2768	
		Biosafety Plan		
		Pub 3000 Chpt. 6		
Biological Agents and Toxins, Restricted	Biotx	Restricted Item List Biosafety Plan	APPROVAL Bruce King x2768	Biological Use Authorization (Institutional Biosafety
		Pub 3000 Chpt. 6		Committee)
Biosafety Cabinets	Bio-Cabnt	Restricted Item List	John Seabury	
		Biosafety Plan	x6547	
Building Materials	Bldg-Matrl			
Chemical Storage Cabinet		Restricted Item List	Larry McLouth x5286	
		Chemical Hygiene Plan	X3200	
Chemicals, Non-Restricted	Chem-Non-R			
Chemicals, Restricted	Chem-Rstr	Restricted Item List	Larry McLouth x5286	Activity Hazard Document
		<u>Chemical Hygiene Plan</u>	X0200	
		Pub 3000 Chpt. 6		
Clothing	Clothing			
Computer, CPU Computer Hardware (accessories)	Comp-CPU Comp-Hdwr			
Computer Software	Comp-Sware			
Construction Services	Constructn			
Containers, Packaging	Containers			
Drugs / Precursors	Drugs/Prec	Restricted Item List Pub 3000 Chpt. 6	Gavin Robillard x4184 (Req Notification)	Human Subject or Animal Welfare Research Committee
			Not EH&S Division	
Electrical Supplies	Elctrc-Sup	EH&S Operating and Assurance Plan	İ	
Electronic Equipment	Elct-Equip	Restricted Item List	i	
Electronic Supplies	Elctrn-Sup	EH&S Operating and Assurance Plan		
Fabrications	Fab	· · · ·		
Fasteners, Non-Graded	Fasteners		<u> </u>	
Fasteners, Graded	Fstner-Grd	EH&S Operating and Assurance Plan		

Food / Water / Feed	Food/Water	1		<u> </u>
Fuels / Lubricants	Fuels/Lub			
Fume Hoods	Fume hood	Restricted Item List	John	
i dille i loods	i dille llood	Restricted item List	Seabury	
			x6547	
		Pub 3000 Chpt. 4	7.00 17	
Furniture / Furnishings	Furniture			ì
Gas Cabinet	Gas-Cabnt	Restricted Item List	John	i
		Treatment to Treatment	Seabury	
			x6547	
		Pub 3000 Chpt. 13		
Gases, Non-Restricted	Gas-Non-R			
Gases, Hazard/Toxic	Gas-Hazrd	Restricted Item List	APPROVAL	Activity hazard
			Larry	Document
		D. I. 0000 Obrit. 40	McLouth	
		Pub 3000 Chpt. 13	x5286	
		Pub 3000 Chpt. 6		
Glove Boxes	Glove Box	Restricted Item List	John	
Ciove Bexes	Sieve Box	TOOLIOLOGI HOITI Elot	Seabury	
			x6547	
Hardware & Abrasive	Hdwr-Abr	+	7.00 17	
Heat/Ventilation/Air C (air conditioning)	HVAC	+		-
		D. C. C. Like J. C.	Steve Sohner	Dod Work
Isotopes / Radioactive	Isotopes	Restricted Item List		
			x6228	Permit or Sealed Source
		Pub 3000 Chpt. 21		Auth
				Auth
		Pub 3000 Chpt. 6		
Janitorial Supplies	Janitorial			
Laboratory Equipment	Lab-Equip			
Laboratory Supplies	Lab-Supply			ĺ
Laminar Flow Hood	Laminar FI	Restricted Item List	John	i
			Seabury	
			x6547	
Laser Equipment	Laser	Restricted Item List	Ted	Activity Hazard
			DeCastro	Document
		D 1 0000 01 1 10	x5256	
		Pub 3000 Chpt. 16		
		Pub 3000 Chpt. 6		
Landscape/Site Maintenance	Landscape	<u> </u>		1
Lease, Equipment	Lease-Eqip	1		
Lease, Real Property	Real-Prop	1		
Lease To Own	Lease-Own			
Live Specimens	Live Spcmn	Pub 3000 Chpt. 22	LBNL	Human Subject
Live Specimens	Live Spciiiii	Fub 3000 Cript. 22	Human and	or Animal
			Animal	Welfare
		Pub 3000 Chpt. 6	Regulatory	Research
			Committees	Committee
			Committees	
Maintanana Matariala	Maint Matt	+		
Maintenance Materials	Maint Matl	 		
Maintenance Mechanical	Maint Mechl			
Microwove	Mignesses	Dootsisted Itsus List	Tr. 1	
Microwave sources & ovens for	Microwave	Restricted Item List	Ted	
laboratory use			DeCastro	
Favings and OV's	Ofa Faraira	 	x5256	
Equipment, Office	Ofc-Equip			Ļ
Office Supplies / Forms	Ofc-Supply			<u> </u>
				1
	Paint/Coat			
Paint / Coatings Periodicals, Books	Paint/Coat Periodical			

Plumbing Supplies	Plumb Supp		Γ	Ī
Precious Metals	Prc-Metals	Restricted Item List	Gavin	1
_			Robillard	
			x4184	
			(Req	
			Notification)	
			Not EH&S	
			Division	<u> </u>
Printing / Bindery	Printing			
R and D	R and D		ļ	.
Raw Material Stock	Raw Matri	Destricted Heart List	Pat Thorson	
Refrigerants, Ozone Depleting Substances	Refrgerants	Restricted Item List	x5852	
John Topicing Capataness			1000_	
		Pub 3000 Chpt. 11	<u> </u>	<u> </u>
Refrigerator / Freezer for flammable	Refrgrator	Refrigerator-Freezer Approval Form	Larry	
liquid storage			McLouth x5286	
		Restricted Item List	X3200	
		Chemical Hygiene Plan		
Safety Equipment / Supplies -	Safety Eqp	Restricted Item List	Elizabeth	Respiratory
Respiratory protective equipment			(Betsy)	Protection
		Pub 3000 Chpt. 4	MacGowan	Program
Comisso Missellenesus	Comicos		x2826	ļ
Services, Miscellaneous	Services, Misc.			
Services, Advertising	Advertisng		 	1
Services, Consultant	Consultnt	Attach the following to Line 1 of the ePro requisition:	 	
Dervices, Consultant	Consum	Attach the following to Line 1 of the ePro requisition.		
		Degreet for Consultant/Dersonal Consisce Agreement		
		Request for Consultant/Personal Services Agreement		
		001 By By 1997 1997 1997		
		OCI Pre-Procurement Fact Sheet		ļ
Services, Contract Labor	Ctr Labor			
Services, Contract Recruiters	Ctr Rectr		 	
Corvious, Corniaci recorditors	ou reou			
Services, Employment Agency	Emp Agency			
Services, Freight	Freight			
Services, Medical / Dental / Vet	Med/Dent			
Services, Miscellaneous	Srvcs-Misc	<u> </u>	<u> </u>	<u> </u>
Dervices, Miscellarieous	SI VCS-IVIISC			
Services, PSA (Personal Services	PSA	Attach the following to Line 1 of the ePro requisition:	1	T
Agreement)				
		Request for Consultant/Personal Services Agreement		
		2011011		
		OCI Pre-Procurement Fact Sheet		
Services, Telecommunication	Telecom	S. T. TO T TO SULFATION OF THE CONTROL	 	
Services, l'elecommunication	UC Labor			1
Stores	Stores	4		
Surplus / Excess	Surplus/Ex		1	1
Tools	Tools	 	† 	†
Utilities, Electric	Utily Elec		 	
Utilities, Other	Utily Othr		 	<u> </u>
Vehicles / Parts	Vehicles/P		 	<u> </u>
X-Ray Equipment	X-Ray		Ted	1
' ' '			DeCastro	
			x5256	<u> </u>
				_